

AMENDMENTS TO THE SPECIFICATION:

Please amend the section entitled "Example 3" on page 10, lines 1-11 of the Substitute Specification to read as follows:

Example 3

Production of lithium barium fluoride ~~LiBa₃~~ LiBaF₃

An aqueous solution of stoichiometric quantities of lithium hydroxide and barium hydroxide is converted with hydrofluoric acid (HF) being in excess. The complex metal salt LiBaF₃ precipitates out when chilled (cooling with ice) and it is extracted, repeatedly washed with ethanol and then dried.

The complex metal salt LiCaF₃ is produced in a corresponding way, whereby the reaction solution is constricted as warranted.

The complex metal salt LiMgF₃ can be produced in the same way and lithium methyle and magnesium methyle are then utilized as the initial substances.